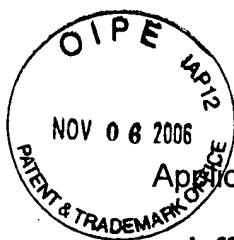


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

**Jeffrey YING**

Serial No. 10/646,459

Filed: August 22, 2003

For: CONTROL NETWORK WITH  
MATRIX ARCHITECTURE

) Customer No.: 29000  
)  
) Confirmation No. 8497  
)  
) Group Art Unit: 2141  
)  
) Examiner: Coulter, Kenneth R.  
)  
) Office Action mailed:  
)  
) June 29, 2006  
)

**AMENDMENT AND RESPONSE TO OFFICE ACTION  
PURSUANT TO 37 C.F.R. 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is responsive to the Office Action dated June 29, 2006. Claims 1 and 40-75 are pending, and presently stand rejected on the basis of the judicially created doctrine of obviousness-type double patenting, as well as under 35 U.S.C. § 102 as allegedly anticipated by U.S. Patent 6,643,689 B2 (Rode et al). Without acquiescence in the grounds of rejection, and to expedite prosecution of this application, Applicant herewith submits a terminal disclaimer to overcome the double patenting rejection. In addition, Applicant traverses the rejection over the cited Rode et al patent as specified in the accompanying remarks. It is believed that all of the pending claims are thus in condition for allowance. In addition, new claims 76-83 have been added herein.

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03 FC:1202 400.00 DR

Accordingly, please amend this application as shown herein.  
Reconsideration of the grounds of rejection is respectfully requested in view of the  
accompanying remarks.

**Summary of Claims**

Pending: 1 and 40-75

Amended: None

Canceled: None

Unchanged: None

New: 76-83

A **Listing of Claims** begin on page 3 of this paper.

**Remarks** begin on page 15 of this paper.